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CLAIMS

The pending claims are as follows:

1. (Previously Presented) A method of controlling a computer system, the method including:

receiving a plurality of input values from a plurality of fluid current sensors; and

using the input values and gradient values between the input values to control an action of the computer system.

2. (Previously Presented) A method according to claim 1, wherein the plurality of input values are stored in a data buffer.

3. (Previously Presented) A method according to claim 1, wherein the input values are compared with a predefined threshold value to determine the control of the computer system.

4. (Previously Presented) A method according to claim 1, wherein at least one gradient value is used to determined whether or not to switch between a Boolean input mode and a functional input mode.

5. (Previously Presented) A method according to claim 4, wherein the Boolean input mode includes one or more of the following computerized functions: single click; double click; right click and held click.

6. (Previously Presented) A method according to claim 4, wherein the functional input mode includes one or more of the following computerized functions: controlling movement of a pointer or cursor on a screen of a computer; implementing a scroll function on the screen of the computer and implementing a zoom function on the screen of the computer.

7. (Previously Presented) A method according to claim 1, wherein the input values are received from three fluid current sensors.

8. (Previously Presented) A method according to claim 7, wherein the plurality of input values are received from the three fluid current sensors, and are resolved into X and Y axes using the following equations: X=0.866(C-B) Y=A-0.5(B+C)

9. (Previously Presented) A method according to claim 7, wherein computerized functions of single click, double click, right click and held click are input by a user transferring fluid current from one of the fluid current sensors to another.

10. (Previously Presented) A method of controlling a computer system, the method including:

sampling a plurality of fluid current sensors at predetermined intervals to obtain a plurality of input values from the fluid current sensors;

storing data representing the plurality of input values;

transmitting the data to a processor; and

using the plurality of input values and gradients between the plurality of input values to control an action of a computer system.